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D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-1120(2) Catoosa County **OFFICE** Preconstruction
P. I. No. 650430
DATE February 19, 2001
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT NOTICE OF LOCATION AND DESIGN APPROVAL

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

CWH/cj

Attachment

DISTRIBUTION:

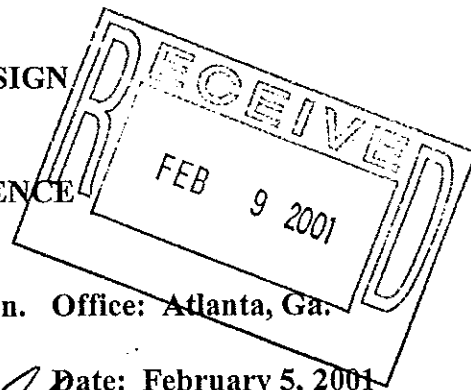
Tom Turner
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Jim Kennerly
Kent Sager

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

OFFICE OF ROAD AND AIRPORT DESIGN

INTERDEPARTMENT CORRESPONDENCE



File: STP-1120(2) Catoosa County Ga./Hamilton County, Tn. Office: Atlanta, Ga.
P.I. No. 650430

Date: February 5, 2001

From: James A. Kennerly, State Road and Airport Design Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Location and Design Report Approval

Description and Project Proposal: Project STP-1120(2) represents the widening and reconstruction of U.S. 41/S.R. 3 from south of North Highland Drive/C.R. 40 (Mile Point 12.50) in Catoosa County, Georgia to Frawley Road (Mile Point 0.28) in Hamilton County, Tennessee for a total of 1.35 miles.

The proposed project would widen existing U.S. 41/S.R. 3 from a two-lane rural section to a four-lane urban section with a 14 foot flush median from the beginning of the project to the Tennessee state line where it transitions to four lanes with a 12 foot flush median to the end of the project. The five-lane section in Georgia would be a retrofit section for possible future four-lane with a 20 foot raised median. The section will include 12 foot outside shoulders with curb and gutter and sidewalks. The new construction will shift back and forth from the east to the west side throughout the project in order to minimize impacts to right of way, endanger species and streams.

Estimated Cost: STP-1120(2)	Current	Approved
Construction (incl. E/C & Inflation)		
Georgia	\$ 3,572,000	\$ 2,106,000
Tennessee	\$ 1,073,000	\$ 859,000
Total	\$ 4,645,000	\$ 2,965,000
Right of Way		
Georgia	\$ 1,719,000	\$ 1,719,000
Tennessee	\$ 65,000	\$ 65,000
Total	\$ 1,784,000	\$ 1,784,000

Utilities

Georgia	\$ 544,000	\$ 544,000
Tennessee	<u>Not Available</u>	<u>Not Available</u>
Total	\$ 544,000	\$ 544,000

The increase in construction cost is a result of addition of retaining walls, sidewalks, additional drainage and erosion control requirements and various design changes during the development of the project.

Concept Approval Date: November 10, 1997

Concept Update: The proposed typical section for the widening in Georgia has been changed from four-lanes with a 20 foot raised median to a retrofit four-lanes with a 14 foot flush median with provisions for adding the 20 foot raised median in the future. Sidewalks were also added to the project.

At the beginning of the project, near North Highland Drive, the widening was shifted entirely to the east side of U.S. 41/S.R. 3 to avoid impacts to the endanger species (large flowered skullcap).

The widening, from just south of the state line and into Tennessee, was shifted further to the west side of U.S. 41/S.R. 3 to reduce impacts to the existing stream, and reduce extensive cuts into the steep hillside in Tennessee. Retaining walls were also added to reduce these impacts.

Environmental Assessment and Reassessment Approval Date: Categorical Exclusion, June 23, 1998. Reassessment approval is pending.

Public Involvement: A public information meeting was held on March 25, 1998 at the Catoosa County Courthouse Annex in Ringgold, Ga.

A total of 25 people attended this public information meeting. The results of that meeting were:

Responses – 16 Oppose – 1 Support – 13 Uncommitted/Conditional – 1/1

Three Catoosa County Board of Commission members and the Catoosa County Administrator were in attendance.

A public hearing was held on October 25, 2000 at Catoosa County Courthouse Annex in Ringgold, Ga.

A total of people 14 attended this public hearing. The results of that hearing were:

Responses – 12 Oppose – 1 Support – 10 Uncommitted/Conditional – 0/1

Most of the respondents do not want a raised median and would prefer a fifth turn lane.

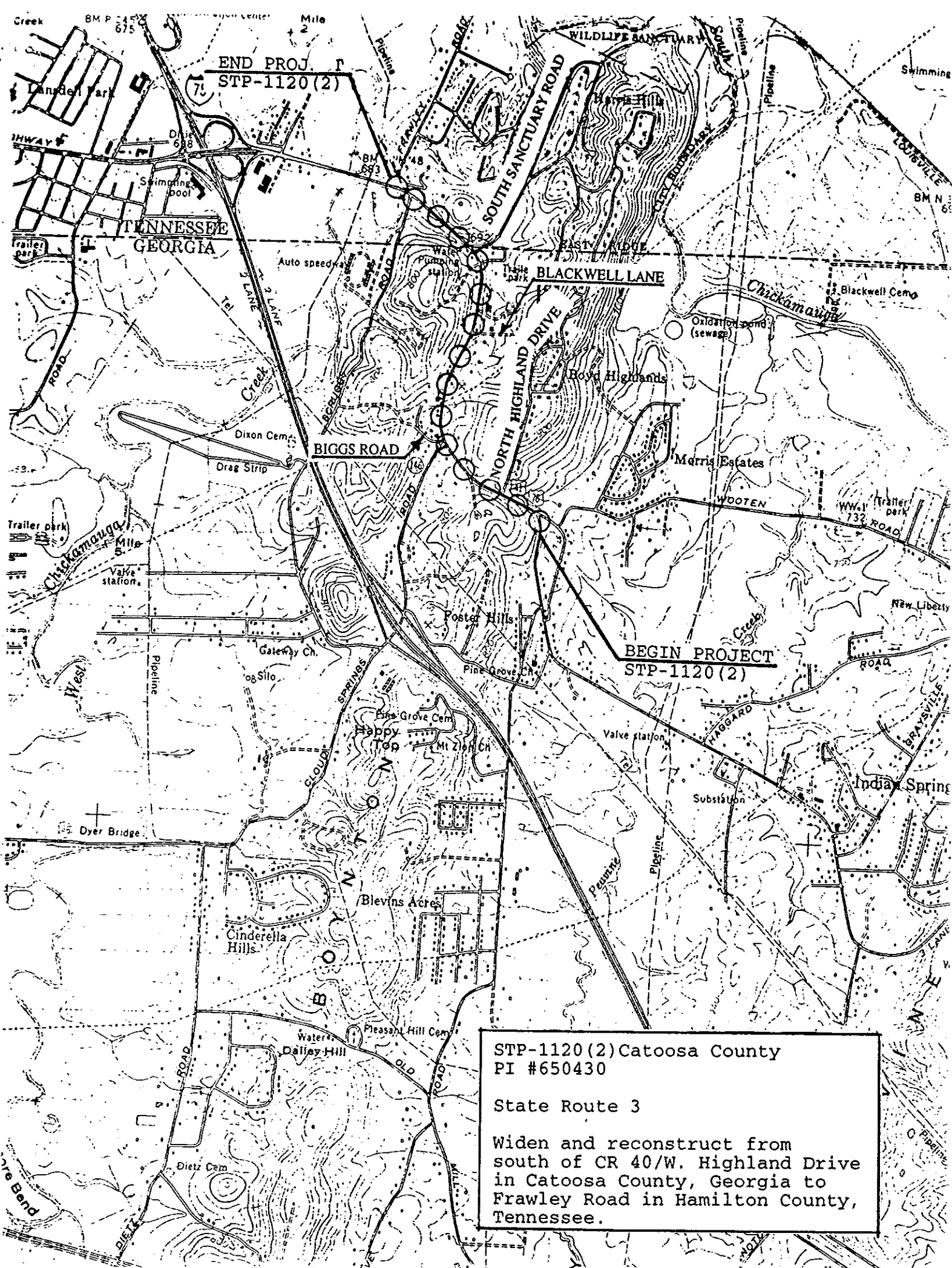
Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendation: That we approve this Project Location and Design and that the attached "Notice" be approved for advertising.

Recommend: Thomas L. Turner
Thomas L. Turner, P.E. Director of Preconstruction

Approve: Frank Danchez 2-16-01
Frank Danchez, P.E. Chief Engineer Date of Approval

Attachments: Sketch Map
Cost Estimate
Notice of Location and Design Approval



STP-1120(2) Catoosa County
PI #650430

State Route 3

Widen and reconstruct from
south of CR 40/W. Highland Drive
in Catoosa County, Georgia to
Frawley Road in Hamilton County,
Tennessee.

PRELIMINARY COST ESTIMATE (1 OF 2)

PROJECT NO: STP-1120(2)

COUNTY: Catoosa, Georgia

DATE: January 8, 2001

ESTIMATED LET DATE: July, 2002

PREPARED BY: Jordan, Jones & Goulding (Brett Helsel)

PROJECT LENGTH: 1.07 Miles

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT (X) DURING PROJECT DEVELOPMENT

PROJECT COST (GEORGIA PORTION ONLY)	
A. RIGHT-OF-WAY: (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	
1. PROPERTY (LAND & EASEMENT)	
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	
3. OTHER COST (ADM. / COST, INFLATION)	
SUBTOTAL A:	\$ -
B. REIMBURSABLE UTILITIES: (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	
1. RAILROAD	\$ -
2. TRANSMISSION LINES	\$ -
3. SERVICES	\$ -
SUBTOTAL B:	\$ -
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 164,000
b. BRIDGES	\$ -
c. DETOURS BRIDGES	\$ -
d. BOX CULVERTS	\$ 65,900
SUBTOTAL C-1	\$ 229,900
2. GRADING AND DRAINAGE:	
a. EARTHWORK	\$ 170,000
b. DRAINAGE:	
1) CROSS DRAIN PIPE (EXCLUDE BOX CULVERTS)	\$ -
2) CURB AND GUTTER	\$ 128,000
3) LONGITUDINAL SYSTEM (INCLUDE CATCH BASIN)	\$ 539,800
SUBTOTAL C-2	\$ 837,800

PROJECT COST		
3. BASE AND PAVING:		
a. AGGREGATE BASE		\$ 429,500
b. ASPHALT PAVING: Surface	\$ 155,500.00	
Binder	\$ 172,600.00	
Base	\$ 315,700.00	
SUBTOTAL C-3.b		\$ 643,800
c. CONCRETE PAVING		\$ -
d. OTHER (ASPHALT LEVELING & TACK COAT)		\$ 112,200
SUBTOTAL C-3		\$ 1,185,500
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 64,000
b. CLEARING AND GRUBBING		\$ 70,000
c. LANDSCAPING		\$ -
d. EROSION CONTROL		\$ 363,000
e. DETOURS		\$ -
SUBTOTAL C-4		\$ 497,000
5. MISCELLANEOUS:		
a. LIGHTING		\$ -
b. SIGNING - STRIPING - SIGNAL		\$ 13,600
c. GUARDRAIL		\$ 32,500
d. SIDEWALK		\$ 123,900
SUBTOTAL C-5		\$ 170,000
6. SPECIAL FEATURES	SUBTOTAL C-6	\$ 30,400

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	\$ -
B. REIMBURSABLE UTILITIES (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	\$ -
C. CONSTRUCTION	
1. MAJOR STRUCTURES	\$ 229,900
2. GRADING AND DRAINAGE	\$ 837,800
3. BASE AND PAVING	\$ 1,185,500
4. LUMP ITEMS	\$ 497,000
5. MISCELLANEOUS	\$ 170,000
6. SPECIAL FEATURES	\$ 30,400
SUBTOTAL CONSTRUCTION COST	\$ 2,950,600
E. & C. (10%)	\$ 296,000
INFLATION (5% PER YEAR) NO. OF YRS. = 2	\$ 325,000
TOTAL CONSTRUCTION COST FOR GEORGIA PORTION ONLY	\$ 3,571,600
GRAND TOTAL PROJECT COST (NOT INCLUDING R/W & UTILITY COSTS)	\$ 3,571,600

PRELIMINARY COST ESTIMATE (2 of 2)

PROJECT NO: STP-1120(2)

COUNTY: Hamilton, Tennessee

DATE: January 8, 2001

ESTIMATED LET DATE: July, 2002

PREPARED BY: Jordan, Jones & Goulding (Brett Helsel)

PROJECT LENGTH: 0.28 Miles

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT (X) DURING PROJECT DEVELOPMENT

PROJECT COST (TENNESSEE PORTION ONLY)	
A. RIGHT-OF-WAY: (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	
1. PROPERTY (LAND & EASEMENT)	
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	
3. OTHER COST (ADM. / COST, INFLATION)	
SUBTOTAL A:	\$ -
B. REIMBURSABLE UTILITIES: (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	
1. RAILROAD	\$ -
2. TRANSMISSION LINES	\$ -
3. SERVICES	\$ -
SUBTOTAL B:	\$ -
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 83,100
b. BRIDGES	\$ -
c. DETOURS BRIDGES	\$ -
d. BOX CULVERTS	\$ 115,800
SUBTOTAL C-1	\$ 198,900
2. GRADING AND DRAINAGE:	
a. EARTHWORK	\$ 58,700
b. DRAINAGE:	
1) CROSS DRAIN PIPE (EXCLUDE BOX CULVERTS)	\$ -
2) CURB AND GUTTER	\$ 41,400
3) LONGITUDINAL SYSTEM (INCLUDE CATCH BASIN)	\$ 95,300
SUBTOTAL C-2	\$ 195,400

PROJECT COST		
3. BASE AND PAVING:		
a. AGGREGATE BASE		\$ 102,600
b. ASPHALT PAVING: Surface	\$ 41,100.00	
Binder	\$ 40,000.00	
Base	\$ 73,400.00	
SUBTOTAL C-3.b		\$ 154,500
c. CONCRETE PAVING		\$ -
d. OTHER (ASPHALT LEVELING & TACK COAT)		\$ 47,600
SUBTOTAL C-3		\$ 304,700
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 16,000
b. CLEARING AND GRUBBING		\$ 20,000
c. LANDSCAPING		\$ -
d. EROSION CONTROL		\$ 90,000
e. DETOURS		\$ -
SUBTOTAL C-4		\$ 126,000
5. MISCELLANEOUS:		
a. LIGHTING		\$ -
b. SIGNING - STRIPING - SIGNAL		\$ 3,400
c. GUARDRAIL		\$ 14,400
d. SIDEWALK/CONCRETE MEDIAN		\$ 35,100
SUBTOTAL C-5		\$ 52,900
6. SPECIAL FEATURES	SUBTOTAL C-6	\$ 7,600

ESTIMATE SUMMARY	
A. RIGHT-OF-WAY (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	\$ -
B. REIMBURSABLE UTILITIES (UPDATED ESTIMATE NOT AVAILABLE AT THIS TIME)	\$ -
C. CONSTRUCTION	
1. MAJOR STRUCTURES	\$ 198,900
2. GRADING AND DRAINAGE	\$ 195,400
3. BASE AND PAVING	\$ 304,700
4. LUMP ITEMS	\$ 126,000
5. MISCELLANEOUS	\$ 52,900
6. SPECIAL FEATURES	\$ 7,600
SUBTOTAL CONSTRUCTION COST	\$ 885,500
E. & C. (10%)	\$ 89,000
INFLATION (5% PER YEAR) NO. OF YRS. = 2	\$ 98,000
TOTAL CONSTRUCTION COST TENNESSEE PORTION ONLY	\$ 1,072,500
GRAND TOTAL PROJECT COST (NOT INCLUDING R/W & UTILITY COSTS)	\$ 1,072,500

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: STP-1120(2) CATOOSA COUNTY
P. I. NO. 650430

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location approval is 1 - FEB - 2001.

Project STP-1120(2) begins south of North Highland Drive (CR 40) in Catoosa County, Georgia and continues in a northerly direction along U.S. 41/S.R. 3 for a distance of approximately 1.35 miles to north of Frawley Road in Hamilton County, Tennessee where it would tie into an existing five-lane section. This project is located within Georgia Militia District 1084, Georgia Land Lots 2, 34 and 35, Georgia Land District 28 and Tennessee Civil District 2.

This project provides for the widening and reconstruction of State Route 3 from two lanes to four lanes, two in each direction, with curb and gutter and sidewalks divided by a fourteen foot flush median in Georgia and a twelve foot flush median in Tennessee.

The proposed widening will improve the operational characteristics and safety along this section of State Route 3.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation Area Engineer's Office:

Devon S. Woodworth
1313 North Tibbs Road
Dalton, Georgia 30720
E-mail address: Devon.Woodworth@dot.state.ga.us
Telephone: (706) 272-2211

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

James A. Kennerly
State Road and Airport Design Engineer
GEORGIA DEPARTMENT OF TRANSPORTATION
No. 2 Capitol Square, Room 444
Atlanta, Georgia 30334
E-mail address: Jim.Kennerly@dot.state.ga.us
Telephone: (404) 656-5386

Any written request or communication in reference to this project or notice should include the Project and P. I. Number as noted at the top of this notice.